(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 27 January 2005 (27.01.2005)

PCT

(10) International Publication Number WO 2005/007105 A3

- (51) International Patent Classification7: A61K 9/10, 9/20
- (21) International Application Number:

PCT/US2004/022082

- (22) International Filing Date: 9 July 2004 (09.07.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:

60/486,033 10 July 2003 (10.07.2003) US

- (71) Applicant (for all designated States except US): CORPORATION **SMITHKLINE BEECHAM** [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19101 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ADUSUMILLI, Prasad [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). KIM, Chungbin [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). LECH, Stanley, J. [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). MEHTA, Naresh, I. [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). **DINNER, Dara, L.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).
- (74) Agents: DINNER, Dara, L. et al.; GlaxoSmithKline, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 19 May 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PHARMACEUTICAL COMPOSITIONS

(57) Abstract: A pharmaceutical composition in the form of a chewable tablet for the suppression of gastric reflux comprising an alginic acid or salt thereof, a water-soluble carbonate radical precursor, a calcium salt, a first bulk sweetener, and a binding agent. The calcium salt and either or both of the bulk sweetener and the binding agent may be blended via any of wet granulation, spray drying, or compression processes prior to admixture with the alginic acid and the carbonate radical precursor.